DIRECTIONS FOR THE CARE AND HANDLING OF THE Type AB Paasche FINE ARTS AIRBRUSH

OPERATION

Type AB Fine Arts Airbrush, must have a clean airsupply to function properly. Airpressure should be about 25 pounds. After attaching the airhose to the compressor blow out any particles of rubber or dirt, that may be in the airhose, then securely screw hose coupling HL240B onto A128 valve casing. When the cup is new it is necessary to start the flow of color as with a new pen point and a reasonable amount of use is required before color will flow properly. After cup is filled, use a bristle brush dipped in color, to soak the color outlet so that color will readily flow in the slot of A164 needle bearing. Repeat this several times.

Airbrush should be held so that needle is parallel to surface of work. Press A121 Trigger Button straight downward with index finger, in which position the airbrush will produce a fine line when held near the working surface. The airbrush should gradually be drawn away from working surface for wider spray. For shading and ground laying, the airbrush must be held away from the surface, the distance being dependent on how far back the finger lever is held by the operator.

Practice finger movement until familiar with action of Airbrush and the distance it should be held from work to obtain desired width of spray.

IMPORTANT ADJUSTMENTS

A142 Needle Guide holds the needle in alignment. This should be set so that it gently holds the needle; not too tight (as this will cause friction) and not too loose (as this will cause vibration.) The needle should move freely, to produce the finest line, graduating into a wider spray, according to the various positions of the finger lever.

A60 Lever Adjustment Screw regulates the needle so that it can always be set to start with the finest line. By turning A60 Screw to the right, needle is brought forward to start with a heavier line.

A116 Needle is one of the most important parts of the Airbrush, as results produced depend on the fineness of the needle point. Needles are shaped, bent and cut to fit and are very easily changed. The needle points are packed in cotton for protection, and care must be taken that the point is always kept straight. A bent needle point will cause frayed lines. When changing the needle, use tweezers and place bent end down to the end of slot in A107 Walking Arm and into the groove below. Press needle under A142 Needle Guide and then gently place into the A164 Needle Bearing Slot. For removing, reverse this procedure.

A146 Stipple Adjuster Screw controls the volume of air released and by turning this screw to the right, a stipple effect can be produced. By varying the position of this screw, the texture of this stipple can be easily controlled. For a coarse stipple, very little air is required.

A101 Air Blast Jet must always be set so that the needle will pass directly in front of the center of the airblast. If these parts are not properly aligned, the Airbrush will never produce a fine line or smooth spray. Orifice in jet should be kept open or the spray will be coarse.

A140 Speed Regulating Screw controls the speed of needle. For fast work, this screw should be turned to the left.

A165 Color Cup is adjustable for drawing board or easel use as shown in Figures 2 and 3. When changing position of Color Cup, loosen A160 Color Cup Screw and tilt the cup to the desired position and adjust the air blast so that it centers directly on the needle. When desired adjustment has been obtained, tighten A160 Screw.

A164 Needle Bearing is removable and when the constant friction of many needles has worn a groove in the bearing, it can easily be pressed out and a new bearing inserted.

CARE AND CLEANING

The Airbrush should be cleaned thoroughly after using. For cleaning, use a bristle brush saturated with a fluid, such as gasoline or benzine, for heavy oil colors, or water for moist colors. After soaking until the dry color has dissolved, empty cup by placing the bristle brush between the A101 Air Blast Jet and the A164 Needle Bearing — then, operate the finger lever to create a suction which will quickly draw remaining fluid from the cup. Airbrush should then be thoroughly dried before putting away.

A114 Self-Feeding Grease Cups should be kept filled with specially prepared lubricant which is supplied with the airbrush. The A142 needle guide should also be lubricated, so that the needle may run without friction. Do not force an over-supply of lubricant into the airbrush as this frequently congeals and becomes gummy, thus retarding the action and speed.

A144 Strainer in the M23 Valve Nut prevents rust and dirt from entering the working parts of the airbrush. This should be kept clean at all times.

The Airbrush is most sturdily constructed and repairing is seldom required, even after many years use. If airbrush is damaged, we recommend that it be returned to the factory for repairs.

Should any further information be required, regarding the handling or operation of the Airbrush, inquiries addressed to the attention of the Art Department will be given prompt attention.

1909 DIVERSEY PARKWAY
BULLETIN AB4-42

Paasche Airbrush Co.

CHICAGO, ILLINOIS
PRINTED IN U. S. A.

Type A B Airbrush in leatherette case, complete with one dozen needles in end of handle, tube of lubricant, screw driver, tweezers, hanger, hose attachment, nipple and complete directions.. $45.00

Paasche TYPE AB AIRBRUSH

This Fine Arts model is the reciprocating needle type which enables the artist to obtain a finer line than with any other art instrument.

It is the ideal art instrument for Creative Artists, Newspaper and other Retouchers, Architectural, Fashion and Monumental Designers, Professional and Commercial Photographers and the Art School Director.

Panel effects, contrasts, marble and granite, in polished or natural stone, are only some of the marvelous stipple creations obtainable with this airbrush.

Type AB is an improved design with a round, deeper cup and replaceable needle bearing. The round cup makes conversion from A (easel position) to B (drawing board position) a simple operation. The cup will hold more color with less possibility of spilling. *An extra dozen needles are encased in the end of the handle.*

Type AB Airbrush will not clog with Opaque Colors, India Inks or Thinned Oils. Moist or Powder Colors, Chinese White, Printer's Inks and Dyes can also be used without the slightest injury to airbrush if colors are not left to dry in color cup. Highest grade materials should be used to obtain the best results.

Continual practice is of utmost importance to perfectly control the instrument and obtain the many fine artistic effects, which are possible in freehand airdrawing and mechanical retouching.

TYPE AB AIRBRUSH PARTS LIST

No.	Name of Part	Price
A 14	Air Lever Fork	$ .95
A 22	Valve Spring	.15
A 58	Trigger Pivot	.20
A 60	Lever Adjustment Screw	.20
A101	Air Blast Jet	.40
A104	Walking Arm Plunger	.30
A105	Walking Arm Spring	.15
A106	Walking Arm Shaft	.50
A107	Walking Arm	.85
A111A	Power Wheel	.75
A114	Self Feeding Grease Cup	.25
A116	Needle, per doz.	.90
A121	Trigger Lever and Button	.70
A128	Valve Casing	.50
A131	Wheel Housing	1.00
A133	Top Shaft Bearing	.70
A138	Air Blast Tube	.75
A139	Air Blast Tube Locknut	.15
A140	Speed Regulating Screw	.25
A142	Needle Guide	.45
A143	Needle Guide Spring	.15
A144	Valve Strainer	.10
A146	Stipple Adjuster	.25
A153	Cam Shaft	1.25
A154	Bottom Shaft Bearing	.50
A160	Color Cup Screw	.25
A161	Handle	1.00
A164	Needle Bearing	.75
A165	Color Cup Assembly	2.75
F 52	Valve Washer, per doz.	.30
H 21	Valve Plunger (to be fitted at factory	.20
M 23	Valve Spring Nut	.15
ML118	Protecting Cap	.30

ACCESSORIES

A 35	Airbrush Case	2.00
A 64	Screw Driver	.20
A117	Tweezers	.15
A118	Lubricant per tube.	.15
H 34	Airbrush Hanger	.15
HL240	6 ft. 1/8" Braided Airhose with cplgs.	1.15
HL240B	Hose Coupling Assembly	.35

Add or deduct $.07½ per foot for longer or shorter hose.

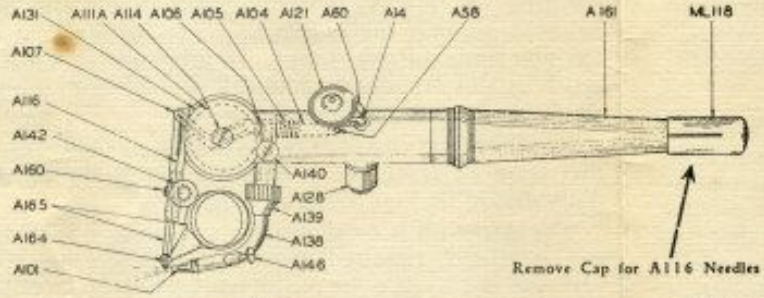

FIG. 1

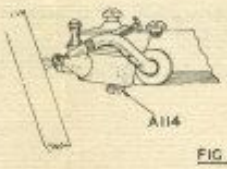

FIG. 2

Color Cup Position for Easel Use.

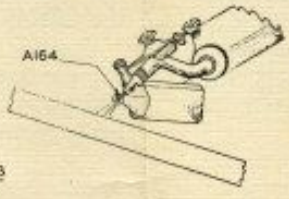

FIG. 3

Color Cup Position for Drawing Board Use.

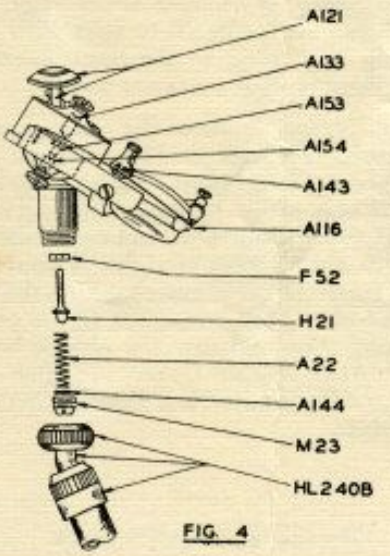

FIG. 4